

# ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE ER REGULATORY CONTACT RECORD

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**Date/Time:** June 1, 2004 / 1:00 pm

**Site Contact(s):** Bob Davis  
**Phone:** 303-966-7026

**Regulatory Contact:** Steve Gunderson & Mark Aguilar  
**Phone:** Steve Gunderson 303-692-3367  
Mark Aguilar 303-312-6251

**Agency:** CDPHE & EPA

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**Purpose of Contact:** Original Landfill Radiologically-Contaminated Surface Soil Removal

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## Discussion

Joe Legare (DOE), Mark Aguilar (EPA), Steve Gunderson (CDPHE) and Dave Shelton (KH) discussed the removal of radiologically-contaminated surface soil at the Original Landfill at the June 1, 2004 Project Coordinators' Meeting. Subsequent to this meeting, it was agreed that the removal of radiologically-contaminated surface soil could be conducted at the Site's risk before the Original Landfill IM/IRA was finalized and approved by the regulatory agencies.

The objective of this project is to remove radiological soil contamination from 4 identified hot spots in the Original Landfill. Details of this removal action will be in a work package for this project. An area of soil 10 feet by 10 feet and 6 inches in depth will initially be removed. Excavation will be expanded vertically and laterally until field measurements of soil concentrations of Uranium-234, Uranium-235 and Uranium-238 are below their respective RFCA Wildlife Worker Action Levels. Monitoring will be performed, as necessary, to verify that there has been no release of radiological contamination during the project. Confirmation sampling will be conducted consistent with the IABZSAP. Following the confirmation samples, non-impacted soils from locations adjacent to the excavated areas will be moved to reduce surface slopes and to blend excavated areas into the surrounding surfaces prior to the action for the entire Original Landfill. Erosion controls will be applied to any disturbed surface resulting from the soil removal. This early action accelerates risk reduction, takes advantage of available funding, and uses available resources during favorable weather conditions. It will also provide additional information about the subsurface in this IHSS.

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**Contact Record Prepared By:** Bob Davis

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### Required Distribution:

M. Aguilar, USEPA  
S. Bell, DOE-RFFO  
J. Berardini, K-H

R. McCallister, DOE-RFFO  
J. Mead, K-H ESS  
S. Nesta, K-H RISS

### Additional Distribution:

J. MacKenzie, EPA  
V. Moritz, EPA

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Contact Record 6/20/02  
Rev. 9/23/03

B. Birk, DOE-RFFO  
L. Brooks, K-H ESS  
J. Legare, DOE-RFFO  
L. Butler, K-H RISS  
G. Carnival, K-H RISS  
N. Castaneda, DOE-RFFO  
C. Deck, K-H Legal  
S. Gunderson, CDPHE  
M. Keating, K-H RISS  
B. Davis, K-H RISS  
D. Kruchek, CDPHE  
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C. Spreng, CDPHE  
S. Surovchak, DOE-RFFO  
K. Wiemelt, K-H RISS  
C. Zahm, K-H Legal

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